

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L4    | 35   | (("2061671") or ("2139771") or ("2160586") or ("2317221") or ("2550641") or ("2831957") or ("2993983") or ("3219397") or ("3342973") or ("3349213") or ("3551636") or ("3582601") or ("3740520") or ("4144439") or ("4176269") or ("4179059") or ("4216896") or ("4283617") or ("4303823") or ("4306134") or ("4321448") or ("4322596") or ("4373125") or ("4396820") or ("4442340") or ("4807800") or ("4911209") or ("5059765") or ("5140140") or ("5214265") or ("5347101") or ("5532445") or ("6054667") or ("6150631") or ("6313426")).PN. | USPAT   | OR               | OFF     | 2006/01/05 15:30 |
| L5    | 22   | 4 and ((weld adj head) or electrode)  | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/05 15:49 |
| L6    | 25   | 4 and (tubular or tube or pipe or multibore)  | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/05 14:14 |

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| L11 | 5525 | (multibore or plural or multiple) with ( tubular or tube or pipe) with (weld\$3 or forg\$3 or join\$3 or bond\$3)                        | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB | OR | ON | 2006/01/05<br>14:51 |
| L12 | 615  | 11 and ((weld adj head) or electrode)  | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB | OR | ON | 2006/01/05<br>15:17 |
| L13 | 87   | 12 and (flushing or reduc\$3 or inert) adj gas   | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB | OR | ON | 2006/01/05<br>14:36 |
| L14 | 3    | (multibore) with ( tubular or tube or pipe) with (weld\$3 or forg\$3 or join\$3 or bond\$3)  | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB | OR | ON | 2006/01/05<br>14:52 |
| L15 | 45   | (multibore or multihole or multipassage or multichannel) with ( tubular or tube or pipe) with (weld\$3 or forg\$3 or join\$3 or bond\$3) | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB | OR | ON | 2006/01/05<br>15:16 |

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| L16 | 21 | ("0111727"   "1668179"   "2420715"   "3110754").<br>PN. OR ("3625258").<br>URPN.  | US-PGPU<br>B;<br>USPAT;<br>USOCR   | OR | ON | 2006/01/05<br>14:59 |
| L17 | 10 | 16 and weld\$3  | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/01/05<br>14:59 |
| L18 | 14 | ("2141912"   "2420715"   "2879317"   "3170030"   "3625258"   "3686422"   "3715532").PN. OR ("4132854").URPN.  | US-PGPU<br>B;<br>USPAT;<br>USOCR   | OR | ON | 2006/01/05<br>15:06 |
| L19 | 7  | 18 and weld\$3  | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/01/05<br>15:06 |
| L20 | 48 | (multibore or multihole or multipassage or multichannel) with ( tubular or tube or pipe or conduit) with (weld\$3 or forg\$3 or join\$3 or bond\$3) | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/01/05<br>15:18 |
| L21 | 1  | 20 and ((weld adj head) or electrode)   | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/01/05<br>15:18 |

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| L22 | 374 | (multibore or multihole or multipassage or multichannel) with ( tubular or tube or pipe or conduit)and (weld\$3 or forg\$3 or join\$3 or bond\$3)   | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB | OR | ON  | 2006/01/05 15:50 |
| S4  | 1   | S3 and borax  | US-PGPU B  | OR | ON  | 2005/12/28 13:20 |
| S5  | 1   | S3 and beryllium  | US-PGPU B  | OR | ON  | 2005/12/28 13:21 |
| S6  | 1   | S3 and (liquid or solid ) near20 reduc\$3   | US-PGPU B  | OR | ON  | 2005/12/28 13:23 |
| S7  | 1   | S3 and (paint\$3 or spray\$3)   | US-PGPU B  | OR | ON  | 2005/12/28 13:24 |
| S8  | 1   | S3 and (15%)  | US-PGPU B  | OR | ON  | 2005/12/28 13:25 |
| S9  | 186 | 219/61.2.ccls.  | US-PGPU B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB           | OR | ON  | 2006/01/03 14:22 |
| S10 | 18  | 219/61.6.ccls.  | US-PGPU B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB           | OR | ON  | 2005/12/28 13:42 |
| S11 | 13  | ((("4,728,760") or ("2,719,207") or ("4566625") or ("4669650") or ("4736084") or ("5163604") or ("5721413") or ("5760307") or ("5770832") or ("5777229") or ("6155117") or ("5652389") or ("4947462"))).PN. | US-PGPU B; USPAT   | OR | OFF | 2005/12/28 13:43 |

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| S12 | 46  | ("2144377"   "2542393"  <br>"2604569"   "2629805"  <br>"2649527"   "2678370"  <br>"2798141"   "2805316"  <br>"2892914"   "2919335"  <br>"2928923"   "3007022"  <br>"3197609"   "3202791"  <br>"3254404"   "3374529"  <br>"3389238"   "3591757"  <br>"4012616"   "4197441"  <br>"4327265").PN. OR<br>("4728760").URPN. | US-PGPU<br>B;<br>USPAT;<br>USOCR                                   | OR | ON | 2005/12/28<br>13:52 |
| S13 | 35  | 219/61.4.ccls.  | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/01/03<br>14:38 |
| S14 | 536 | 219/67.ccls.  | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/01/03<br>14:59 |
| S15 | 71  | 219/55.ccls.  | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/01/03<br>14:24 |
| S16 | 72  | 219/607.ccls.   | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/01/03<br>14:38 |

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| S17 | 15  | S14 and forg\$3 and (tube or pipe)               | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/01/03<br>15:01 |
| S19 | 89  | forg\$3 same (tube or pipe) same electrode       | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/01/03<br>16:00 |
| S20 | 233 | 219/86.1.ccls.                                   | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/01/03<br>16:37 |
| S21 | 57  | 219/86.22.ccls.                                  | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/01/03<br>16:33 |
| S22 | 1   | S20 and electrode and forg\$3 and (pipe or tube) | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/01/03<br>16:38 |
| S23 | 2   | S20 and electrode and forg\$3                    | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/01/03<br>16:49 |

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| S24 | 0   | forg\$3 with diametric\$3 with opposite with (tub\$5 or pipe) with electrode                                | US-PGPU B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB           | OR | ON | 2006/01/03 16:51 |
| S25 | 2   | forg\$3 same diametric\$3 same opposite same (tube or tubular or hollow or cylinder or pipe) same electrode | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB | OR | ON | 2006/01/03 16:54 |
| S26 | 5   | forg\$3 and diametric\$3 same opposite same electrode   | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB | OR | ON | 2006/01/03 16:56 |
| S27 | 327 | forg\$3 with (inert or reduc\$3) near5 gas  | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB | OR | ON | 2006/01/03 17:46 |
| S28 | 9   | forg\$3 with (inert or reduc\$3) near5 gas same electrode   | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB | OR | ON | 2006/01/03 20:04 |

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| S29 | 21 | (("2775469") or<br>("3433507") or ("3626475")<br>or ("3599663") or<br>("3665966") or ("3872880")<br>or ("4411459") or<br>("4768813") or ("5040828")<br>or ("5360300") or<br>("5374087") or ("5443095")<br>or ("5451128") or<br>("5466099") or ("5531250")<br>or ("5553898") or<br>("5806896") or ("5967168")<br>or ("5019398")).PN. | USPAT;<br>USOCR | OR | OFF | 2006/01/03<br>20:16 |
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